

Drilling of Borewells Construction of toilets in valmiki park ,Ambabhavani park ,Savarkar park,Anantapura Dobi Ghat and government school Attur in ward no 0.3

Progress Chart

Description of Work	Units	% Completed	Progress Chart				
			0-20%	20-40%	40-50%	60-80%	80-100%
Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of 1000 m or 1500 m by vertical electrical sounding by adopting Verner or Geotomography method, including reconnaissance survey of geological formation, lithological investigation of existing Ground Water in the area. The cost shall be 10000/- per borewell.	Each	100.00					
Supply of 100 mm nominal bore medium black ERW casing pipe of 8 mm thick black electric resistance continuous welded mild steel tube material conforming to IS 1387 / 1993 & manufactured from hot rolled steel sheet / strips in random length of 4 to 7 mts both ends threaded conforming to IS 554 / 1985, one end fixed with a socket and providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kg/sqm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials, labour charges, H.O.M of requirements and testing complete as per specifications. - 250mm dia. (Page No. 88 Item No. 12.116.51 PWD SR. 2018-19)	m	100.00					
50 to 100 m	m	100.00					
100 to 150 m	m	100.00					
150 to 200 m	m	100.00					
200 to 250 m	m	100.00					
251 to 300 m	m	100.00					
300 to 350 m	m	100.00					
Supply of 100 mm nominal bore medium black ERW casing pipe of 8 mm thick black electric resistance continuous welded mild steel tube material conforming to IS 1387 / 1993 & manufactured from hot rolled steel sheet / strips in random length of 4 to 7 mts both ends threaded conforming to IS 554 / 1985, one end fixed with a socket and providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kg/sqm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials, labour charges, H.O.M of requirements and testing complete as per specifications. - 250mm dia. (Page No. 88 Item No. 12.116.51 PWD SR. 2018-19)	Rmtr	100.00					
Providing 175mm dia ms casing cap page no III it no 85 pred 12-13 sr	no	100.00					
Providing MS Casing pipe collars page no III it no 86 pred 12-13 sr	no	100.00					
Supply and delivery at site brand New tsumo/ innoval/ Lubi/ Sabar / Atlantic/ Calanal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CP pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for operation of 3PH, 30 Hz, 380/440 volts AC supply fitted with required accessories	Unit	100.00					
ITEM NO.13-6.1 Providing and fixing to wall ceiling and floor galvanised/ mild steel tubes (medium grade 1.27 kg / mt) B class 50 mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges, H.O.M of equipments and testing complete as per specifications. (Page 92 ITEM NO.13-6.1)	Mtr	100.00					
Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor conforming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and Powder coated extruded PVC sheathed suitable for working voltage upto 1100 Volts as per IS - 694 : 1990 AND CONFORMING TO IEC OF GROUP A P. No. 12/ 1 No. (2.10-4) 3x 6.0	Mtr	100.00					
Labour charges for erection of new/ repaired submersible pumpset along							

18	with g) pipes insulating transportation each length pno 558 ino 3 bwssb sr 14-15	No	100.00	
19	Supplying and flush polished wood board with out front front plank inside of not less than 15mm thick plank after due groove cutting Flushing with necessary on fixing the same to the wall using tapered inverted wooden plug screws etc., P No. 44No.6.6 KPWD Electrical SR 2014-15	Each	100.00	
20	Supplying of 1.1 KV LT UG cable having aluminium conductor PVC insulated sheathed, EXTRUDED INNER SHEATHED galvanized steel, stirr confirming IS 3976:1990 AND extruded PVC outer sheathing armoured cable IS 1884 part 1:1998 and confirming to GTP of Group P No.55/ I No.7.4.4 (4 core 16 Sqmm) KPWD Electrical SR 2014-15	Mtr	100.00	
21	Labour charges for laying of 1.1 K.V class UG cable, P No. 61 / I No. 7.8.1 in existing trench/duct 6Sqmm to 16 Sqmm) KPWD Electrical SR 2014-15	Mtr	100.00	
22	digging or trenching of 0.6m deep x 0.5 mtr wide refilling the trench to the required ground level and consolidating etc., complete P No. 62/ I. No.7.9.4 KPWD Electrical SR 2014-15	Mtr	100.00	
23	Supplying and fixing of Class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class P. No. 62/ I No.7.12.1 KPWD Electrical SR 2014-15	Mtr	100.00	
24	Supplying and fixing L.T. cast iron pot head suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., P. No.62/ I No. 7.13.2 KPWD Electrical SR 2014-15	NO	100.00	
25	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cots and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal proportion of soil and charcoal 150 mm around the pipe to complete depth. The connection from the pipe to the conduit etc., is to Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete.... P No.44/ I No 6.7.4 KPWD Electrical SR 2014-15	NO	100.00	
26	Supplying and fixing of heavy duty glands for ug cable 1.1 kv etc., complete.... P No.62 I No 7.14.2 KPWD Electrical SR 2014-15	Each	100.00	
27	Supplying and fixing miniature circuit breakers/solaters on existing MCB distribution boards using necessary fixing material wiring complete as required 5 to 32 ampe triple pole with all lead and lift, loading, unloading and labour charges etc complete as per specifications pno 47 IT 6.16.5 KPWD Electrical SR 2014-15	Each	100.00	
28	Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamel KSRB 13-7.1-4: Providing and fixing in position 65mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications NO KBS 13.2.15 / 13.13 Page No.90 Item No. 13.56 / PWD SR 2018-19	Sq.Cm	100.00	
29	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete. P. No.92/ I. No. 13.81.3 PWD SR 2018-19	NOS	100.00	
30	Gate valve 65mm nominal bore gun metal P. No.XXVI el No. 662 PWD SR	NOS	100.00	
31	Supplying and delivery at site brand new star / Easen/ Lotus/Sun-shines/Adarsh/ GK Controls best indigenous make combined energy meter - cum- control panel board unit of size 600x450 x200 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 ph, 50Hz, 380/440 volts, A.C supply with spring loaded latch, locking device with	NO	100.00	

1	Earth work excavation By Manual Means for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches, 1.5m and above in width, in soft rock / ordinary rock not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, slaking the excavated soil clear from edges of excavation with all lead upto 50m after breaking of clods complete as per specifications. (P.No.6, I.No.2.3) PWD SR 2018-19	100.00	cum	
2	Filling the Foundation Trenches using approved Sand as per Drawing & Technical Specification in 250mm layers, Wherever necessary watering and ramming including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications North Chapter 1.5. (P.No.231, I.No.27.14) PWD SR 2018-19	100.00	cum	
3	Providing and installing at site of work P.V.C pipes including cost of pipes and spigots and labour including lowering into trenches laying the pipe around to a depth not less than 1.5m from excavations etc complete	100.00	Rmtr	
4	ITEM 3.1: Ridding available earth around pipe lines, cables in layers not exceeding 300mm in depth, compacting each deposited layer by ramming after wetting with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications. (Page No.7, Item No. 2.11) PWD SR 2018-19	100.00	cum	
5	Providing, laying, spreading and compacting graded crushed stones (10mm to 20mm) in wet mix masonry specifications including pre mixing the stones with water at OMC in mechanical mix plant carriage of mixed material of 10mm to 20mm in depth, laying in uniform layers with paver in sub-bases course on well prepared surface and compacting with 10mm to 20mm roller to achieve the desired density complete as per specifications.	100.00	cum	
6	ITEM 3.2: Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches, 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, slaking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifications.	100.00	cum	
7	ITEM 3.3: Laying Reinforced cement concrete pipe for culverts on first class bedding of granular material in single row including fixing collar with 10mm to 20mm stones (10mm to 20mm) but excluding excavation, protection works, bedding, concrete and masonry works in head walls and parapets including all per specifications, MORTH Specification No. 2900 B. 1200	100.00	Mtr	
8	ITEM 3.4: Providing and filling in foundation with granite / trap rubble (not less than 10mm) and down size, with approved sand including all labour, watering, including cost of all materials and equipment, all lead and lift, complete as per specifications. (Page No. 7 / Item No. 2.15 of PWD SR 2018-19)	100.00	cum	
9	ITEM: Providing Aggregate 83 mm nominal size (P.I / I. 24) PWD SR 2018-19	100.00	cum	
10	ITEM: Providing Aggregate 40 mm nominal size (P.II / I. 25) PWD SR 2018-19	100.00	cum	
11	ITEM: Providing Aggregate 30 mm nominal size (P.II / I. 28) PWD SR 2018-19	100.00	cum	
12	ITEM: Providing sand / Artificial Sand / Manufactured sand (P.II / I. 49) PWD SR 2018-19	100.00	cum	
13	Supplying and fixing of Special Multiplex system, with curved slide and (10mm to 20mm) structural posts oh heights 2.4m 2.7m, 3.3m, 3.9m and the structural steel with a 11.4mm OD and 2.2mm wall thickness of the fixing all noted components are to be finished with a black iron primer paint finish with deck of size 1.45 x 1.45m and quantity of slide 1.5m x 0.77m are fabricated from 2mm performed solid plate and 10mm to 20mm structural posts oh heights 2.4m 2.7m, 3.3m, 3.9m and the structural steel with a 11.4mm OD and 2.2mm wall thickness of the fixing all noted components are to be finished with a	100.00	No	
14	Supplying and fixing of Special Multiplex system, with curved slide and (10mm to 20mm) structural posts oh heights 2.4m 2.7m, 3.3m, 3.9m and the structural steel with a 11.4mm OD and 2.2mm wall thickness of the fixing all noted components are to be finished with a	100.00	No	

35	WORKING ON THE SURFACE OF THE EXISTING PAVEMENT SHALL BE BY MEANS OF A GRADER OR A POWERED WALKER. Thekerb on powder coat finish with deck of size 1.45 x 1.45m and Removing and resetting of kerb stones (SR Pg no 270 Item no 37.57)	m	100.00	
36	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:1:4 and finished with CM 1:3 plastering and finishing cutting etc complete of size 480 x 150 x 500mm (SR Pg no 27 Item no 5.29.1)	Nos	100.00	
37	SRB 18.18.3 Providing and applying painting in two coat with Synthetic enamel paint of approved brand and manufacture on concrete surface with coat of materials, labour, complete as per specifications.(SR Pg no 180 item no 24.1)	Sqm	100.00	
38	SRB 14.6.1 Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and coarse sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 381 kg per sqm over 50mm thick sand bed and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to compact in between joints, final compaction of	m	100.00	
39	Earth work excavation by manual means in ordinary soil involving an average horizontal three upto 2m and an average lift upto 0.5m excavated surface levelled and sides neatly dressed the disposed earth to be levelled beneath for breaking the clouds complete as per specifications (P NO 143 I N 19.1 OF FW.P P&I WTD SR 2018-19	Cum	100.00	
40	SRB 14.10.10 Providing and laying in position Plain Cement Concrete 1:1:4 with OPC cement @ 220 kgs. with crushed 40mm and down size graded metal coarse aggregates @ 0.89 cum and fine aggregates @ 0.46cum. in foundation machine mixed, concrete laid in layers not exceeding 15cms. well compacted, in foundation including cost of all materials and curing, labour, HOM curing complete as per specifications. (SR 18-19 Pg 222 & Item no 27.18)	Cum	100.00	
41	SRB 14.1.6 providing an laying in position Plain cement concrete of Mix 1:1:4 with OPC @ 240kgs. with 20mm and downsize graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.459cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted in foundation, plinth and cills including cost of all materials labour, HOM, curing complete as per specifications (P-13 I N-4.6 SR 2018-19)	Cum	100.00	
42	SRB 3.6 Providing and filling sand in trenches to required depth including wetting ramming with all leads and lift complete as per specifications and directed by the engineer incharge at the site (P-7 I N-2.13 SR 2018-19)	Cum	100.00	
43	Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specification (S.R Page no 5, Lead for Disposal of Earth shall be payable at Carriage rates (Lead & lift) by mechanical means including loading and unloading upto 15km (S.R Page no 5, Item no 2.4, 2.21)	Cum	100.00	
44	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs. with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all	Cum	100.00	
45	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chiselled dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications SR Page 23 Item 5.9	Cum	100.00	
46	Providing and constructing non load bearing walls with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part 1):2005 and constructed with CM 1:4 as per IS 2872:2005 including cost of all materials, labour charges scaffolding, curing, hire, charges of machineries etc complete as per	sqm	100.00	
47	Providing and constructing non load bearing walls with solid concrete blocks of size 400x100x200mm having a block density not less than			

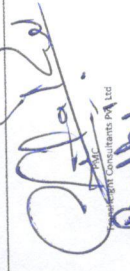
83	18mm/m3 having a minimum average comprehensive strength of 4.00 N/mm2 conforming to IS 2185 (Part 1):2005 and constructed with CM 1:3 as per IS 2872:2005 including cost of all materials, labour charges scaffolding, curing, hire, charges of machineries etc complete as per specifications. S.R. Page no 25, item no 5.27.2 For 100mm wall	Sqm	100.00	
84	KRRB 4.3 Construction of partition wall 10 cms thick with table mounted modular burnt bricks of class designation 5.0 Newton per Sqmm with cement mortar 1:4 including cost of materials, labour charges scaffolding, curing complete as per specifications, S.R. Page no 31, item no 6.30	Sqm	100.00	
85	KRRB 14.10.3 providing flooring with 20mm thick polished cadapa tiles using cement mortar 1:6 25mm thick over existing cement concrete bed on top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing complete as per specifications. S.R. Page no 105, item no 14.17	Sqm	100.00	
86	KRRB 4.3.6 providing and laying in position reinforced cement concrete of design Mix M20 with OPC @ 320kgs with 20mm and downsize graded granite metal coarse aggregates @ 0.69cum and fine aggregates @ 0.40cum with super plasticiser IS 9103-1999 reaffirmed -2008 machine mixed concrete laid in layers not exceeding 15cms thick checked for all works in ground floor level for roof slabs, staircases, chajja and beams retaining walls, return walls, walls (any thickness) including attached balconies, sub-balconies, side-alcove, bastresses	sqm	100.00	
87	KRRB 4.3.10 Providing and laying in position reinforcement cement concrete Mix M20 with OPC @24kgs with 12mm and downsize graded granite metal coarse aggregates @ 0.05175cum and fine aggregates @ 0.048cum with super plasticiser @ 0.225lts, machine mixed, well compacted for plain chajja of 7.5cms average thickness upto ground floor level including cost of all materials, labour, HOM finishing, curing complete but excluding cost of reinforcement as per specifications (S.R. Page no 15, item no 4.19)	sqm	100.00	
88	KRRB 4.6.2 Providing and removing centering, shuttering, strutting, propping etc and removal of form work for Suspended floors, landings balconies and likes, thickness upto 200mm including cost of all materials, labour complete as per specifications for heights more than 3.50m (S.R. Page no 16, item no 4.29)	Sqm	100.00	
89	KRRB 4.6.10 Providing and removing centering, shuttering, strutting, propping & and removal of form work for chajja, corbels etc including edges including cost of all materials, labour complete as per specifications. (S.R. Page no 17, item no 4.37)	Sqm	100.00	
90	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. TMT Bars Fe 500 (S.R. page 19 item 4.46.2)	Tonne	100.00	
91	Providing 12mm thick cement plaster in single coat with cement mortar 1:4, to ceiling including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, lead, lift, curing complete as per specifications and direction of the Engineer in charge Providing Lime rendering for Plastering to Ceiling including cost of materials, labour, curing complete as per specification. S.R. Page no 113, item no 15.22	Sqm	100.00	
92	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, cost of materials, labour, curing complete as per specifications and direction of the Engineer in charge for Outside Plastering S.R. Page no 113, item no 15.22	Sqmt	100.00	
93	Providing Skirting, doing, rises of steps with white glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and joints with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour complete as per specifications S.R. page 108 item No.14.40	Sqmt	100.00	
94	Providing Ceramic tiles/Antiskid tiles of size 30x30cms of approved make, shade and size for flooring, trends of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, finish pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. S.R. page 108 item No.14.36.2	Sqmt	100.00	
95	KRRB 9-7.1 providing and fixing fully panelled wood shutters for doors			

	Plates and rails of 60mm, thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM complete as per specifications excluding cost of fixtures S.R.page 84 Item No.9.23	Sqm	100.00	
	HOM 9.23-3P providing and fixing in position fully glazed shutters for ventilators side hung or central pivoted with wood styles and rails of 30mm thick, 30mm wide and central divider of 25mm, wide 3mm thick rounded glass fixed with wooden beading of size 10mm wide flushed to the thickness of the frame including cost of materials, labour charges HOM complete as per specifications (excluding cost of fixtures) S.R.page 59 item No.9.77	Sqm	100.00	
	Providing and fixing M.S.grill work for windows and ventilators weighing 3kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications S.R.page 34 Item No.7.9	kgs	100.00	
	Fixing of door frame in an existing opening including embedding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debris with lead upto 80 m. Including cost of materials, labour charges, complete as per specifications.	nos	100.00	
	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers including cost of all materials cost off labour and scaffolding etc complete as per the specifications S.R.page 122 Item 15.106	Sqmt	100.00	
	Providing half nosing for 20mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification S.R.page 108 I.No.14.56	Mtr	100.00	
	Providing and finishing external walls in two coats over one coat of 100% acrylic silicon glazed primer with antifungal paint for top coat of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. S.R.page 124 Item 15.104	Sqmt	100.00	
	Applying priming coat over new wood surface and / or wood based surface after preparing the surface after thorough cleaning oil, grease, dirt and foreign matter, sand papering and knotting liquid wood filler, for varnish including cost of materials, labour, completes as per specifications. S.R.page 121 item 15.89	sqm	100.00	
	Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications. S.R.page 118 item 15.60.1	sqm	100.00	
	Providing and applying enamel metal paint two coats(excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as perspecifications. S.R.page 120 item 15.74	Sqm	100.00	
	Refilling available earth around pipe lines ,cables in layers not exceeding 20cms in depth compacting each deposited layer by ramming after watering with lead upto 50m. And lift upto 1.50m including cost of labour complete as per specification . S.R Page no 6, item no 2.11	cumt	100.00	
	Constructing brick masonry type manhole 1.22m internal dia at bottom 1.68m deep and 0.36m dia at top with table moulded and non modular bricks of class designation 50 in cement mortar 1:4 inside cement plaster 12mm thick with cement mortar 1:3 finished with a floating coat of neat cement ,foundation concrect M10 using 40mm	nos	100.00	
	Providing and fixing to wall ,ceiling and floor high density polyethylene pipe 6.00 kgf/sq.m working pressure 90mm outside diameter with special flange ,compression type fittings, wall clips making good the wall ,ceiling and floor including cost of all materiles labours charges HOM of Equipments and testing complete as per specification S.R.page	m	100.00	
	Providing and fixing to wall ,ceiling and floor high density polyethylene pipe 6.00 kgf/sq.m working pressure 140mm outside diameter with special flange ,compression type fittings, wall clips making good the wall ,ceiling and floor including cost of all materiles labours charges	m	100.00	

86	100m of Equipments and testing complete as per specification S.R. page 92 item 13.72.8	each	100.00
87	Constructing brick masonry inspection chamber 600 x 600 mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:3 C.I cover with frame (light duty) 600 x600mm inner dimension ,total weight of cover with frame to be not less than 38kg (weight of cover with frame 15kg) RCC top slab with cement 1:2:4 mix 20mm and Providing and fixing on wall surface 4.0kg/squm HDPE rain down water pipes 110mm outer dia approved make and brand with necessary special like shoes, bends and offsets fixed with iron clamps, wall plugs, screws including cost of materials, labour complete as per specifications S.R. page 49 item 8.19	m	100.00
88	Providing and placing on terrace, polyethylene water storage tanks as per IS 12701 : 1996 with manhole lid and suitable locking arrangements ,making holes of suitable diameter for inlet, outlet and over flow pipes ,including cost of all materials, labour, transport charges HOM of equipments and testing complete as per specification (For 1000 L capacity) S.R. page 96 item 13.76	each	100.00
89	KSRB 11-1:1 Providing and fixing white vitreous china lay ,water closet Indian type (equating pan) of size 580mm with footrests 100mm S or P trap, 10litre low level P.V.C flushing cistern (all are approved make with fittings C.I /M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of all materials, labour complete as per specifications. (S.R. page no 79 item no 12.1)	each	100.00
90	KSRB 11-7.3 Providing and fixing white vitreous china cly ,flat back lipped front urinal wash basin of 430x260x350mm in the range of three 7.5 litres PVC automatic flushing cistern, C.I /M.S brackets standards flush pipe and C.P brass spreaders, with brass unions and G.I clamps painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications S.R. page 81 item 12.30	each	100.00
91	Providing and fixing 453 x 357 dia rectangular shape mirror with plastic moulded frame of approved make ans shade with 6mm thick hard board backing including cost of materials labour complete as per specification S.R. page 84 item 12.41	Each	100.00
92	Providing and fixing white vitreous chinal clay ,surgeon type wash basin size 660 x 460 with a pair of 15mm CP brass pillar taps with pair of elbow operated levers C.I/M.S brackets 32mm CP brass waste of standard pattern painting of fittings and brackets ,cutting and making good the wall and floor wherever required, including cost of materials ,labours complete as per specification S.R. page 81 item 12.30	Each	100.00
93	Providing and fixing CP brass towel rail 600mm length, 20mm dia with CP brackets, fixed to wooden cleats with CP brass screws including cost of materials, labour complete as per specification S.R. page 83 item 12.46	Each	100.00
94	Providing gun metal pillar cocks 15mm dia of class conforming to ISI specification and fixing them in position as per directions including of cost of materials and fixtures and conveyance to spot S.R. page 97 item 13.80	Each	100.00
95	Providing and fixing water meter with stop cock, jam nut, socket in G.I pipe line including cutting and threading the pipe and making long screws including cost of all materials, labour, HOM of equipments and testing complete as per specification S.R. page 96 item 13.22	Each	100.00
96	Providing and fixing chrominated poly vinyl chloride (CPVC) 20mm pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all pre plain and brass threaded fittings including of fixing the pipe with clamp at 1.00m spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (internal work exposed on wall) S.R. page 96 item	Each	100.00

88	providing and fixing chlorinated poly vinyl chloride (CPVC) 25mm pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all pvc plain and brass threaded fittings including flange the pipe with clamp at 1.00m spacing .This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete .(internal work exposed on wall) S.R.page 98 item	Each	100.00
89	providing and fixing chlorinated poly vinyl chloride (CPVC) 50mm pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all pvc plain and brass threaded fittings including flange the pipe with clamp at 1.00m spacing .This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete .(external work exposed on wall) S.R.page 98 item	Each	100.00
90	providing and fixing chlorinated poly vinyl chloride (CPVC) 40mm pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all pvc plain and brass threaded fittings including flange the pipe with clamp at 1.00m spacing .This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete .(external work exposed on wall) S.R.page 96 item 13.85.5	Each	100.00
91	Providing and fixing in position brass ball valve high or low pressure with plastic coat of approved quality 20mm nominal bore including cost of all materials ,labour and HOM of equipments with all leads complete as per specification S.R.page 94 item 13.41	Each	100.00
92	Providing and fixing in position brass stop cock of approved quality 20mm nominal bore including cost of all materials ,labour and HOM of equipments with all leads complete as per specification S.R.page 91 item 13.27	Each	100.00
93	water proofing of RCC terrace / podium slab / toilet / utilities / water retaining structures by preparing the surface by chipping and cleaning and Grouting of Honey comb,voids ,cracks /construction joints with cement slurry (1kg cement added with 100gm of inorganic accelerator	sqm	100.00
94	Providing stone ware gully trap 150mm x 100mm of approved quality and make fixing in M15 and plastering with CM 1:3 wherever necessary (rate includes cost of all materials , fixture and lead) S.R.page 90 item 12.112.2	Each	100.00
95	Providing and fixing 7.5cm dia NP grating 100mm dia S.R.page 90 item 12.111	Each	100.00
96	Providing and fixing of Door locking arrangements(page XV, item no 385	Each	100.00
97	Providing and fixing of Handles powder coated 150mm(page XV, item No.390)	Each	100.00
98	Providing and fixing of Hinges 5" heavy duty(Page No.XV, item No390)	Each	100.00
99	Providing and fixing of Hold fasts MS (Page No XV, item No 391)	Each	100.00
100	Providing and fixing of Tower bolt 300mm long(page No,XVI, item No 407)	Each	100.00
101	KSRSE M2100-S.2 Earthwork excavation by manual means for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.50m and above in width, in ordinary soil not exceeding 1.50m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications(SR 18-19 Pg 6 item no	Cum	100.00
110	Providing and constructing granite / trap/basalt size stone masonry in foundation with cement mortar & stone hammered dressed in courses not less than 20 cm high bond stones at 2m depth apart in each courses including cost of materials labours HOM curing complete as per specifications KRS 5.1.13 CM 1:6 (Using available stones) P NO 225 I	Cum	100.00
111	KSRSE 4-1.2- Providing and laying in position Plain Cement Concrete M10 with OPC cement @ 220 kgs, with crushed 40mm and down size graded metal coarse aggregates @0.892 cum and fine aggregates @ 0.465cum, in foundation machine mixed, concrete laid in layers not exceeding 15cms, well compacted, in foundation including cost of all materials,labour,HOM curing complete as per specifications. SR18-19	Sqm	100.00
112	KSRSE4-1.6 providing an laying in position Plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and downsize graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.53cum ,machine mixed ,concrete laid in layer not exceeding 15 cms thick ,well compacted in foundation plinth and cills, including cost of all materials ,labour ,HOM, curing complete as per specifications	Cum	100.00
	Supplying and fixing M.S rectangular poles made out of two equal angles of 65X65X6 mm welded together and fixed in CC 1:2:4 with two		

113	numbers 16mm dia M.S hold fast rods each of length 25cms including coat of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lift and as per the direction of engineer incharge of the work and including providing two fabricating providing and erecting in position of MS Hot Dip galvanized 4 hollow poles of 132 x132 heavy gauge length 3000mm with MS Hot Dip galvanized grill work as per approved design and drawing of chief architect using 12 x75mm galvanized flat for around frame and 20 x 20mm galvanized forged ornamental arrow head in top and bottom the work is inclusive of thorough flat square rods placing welding all the joints including grinding finishing 2 coats of anticorrosive paint over one coat of metal primer the rate is inclusive of all materials all items of Providing chain link fencing 50mm size of 8 gauge properly stretched between rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including coat of all materials, labour lead and lift and as per the directions of the engineer incharge of work including two coats of approved quality paint over one coat of shop paint.(SR. 18-19, P-266, L.No-37.3)	Mtr	100.00	
114	Providing and fixing M.S block pipe of 38mm dia of heavy gauge of 14 including removing the bends, cutting the pipes and fixing pipe in between the two vertical poles (M.S rectangular poles) and spot welding the chain link with M.S block pipe including coat of all materials wastage in cutting and scaffolding wherever necessary with all lead and lift as directed by the engineer in charge of work etc, complete including two coats of approved quality paint over one coat of shop paint.(SR. 18-19, P-266, L.No-37.4)	Mtr	100.00	
115	Providing and fixing M.S Gate as per Chief Architect Drawing, using 50mm x 50mm x 14 gauge M.S hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16mm x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40 mm x 6mm M.S flats for horizontal member and at the top cast iron spikes are provided at alternate vertical KSRB 15-18.2 Providing and applying enamel metal paint two coats (exclusive primer coat) over new steel or other metal surfaces brushing to give an shade after cleaning oil grease dirt and other foreign matters including cost of materials labour complete as per specifications (P123 1.15.74 PW.P & IWTD PWD SR-2018-19	Sqm	100.00	
116				
117				
118				


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